

B1 92
IFW \$

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Jeffrey M. MacDonald, et al.

Application No.: 09/586,981

Filed: June 5, 2000

For: BIOREACTOR DESIGN AND
PROCESS FOR ENGINEERING
TISSUE FROM CELLS

)
) Group Art Unit: 3762
)
) Examiner: Leslie R. DEAK
)
) Confirmation No.: 8826
)
) Docket No.: 320727.50201
)
)
)

AMENDMENT UNDER 37 C.F.R. § 1.312

Mail Stop Issue Fee
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

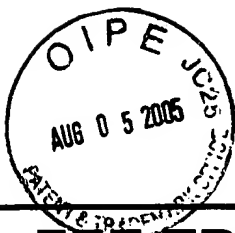
Applicants are in receipt of a Notice of Allowance and Issue Fee Due Form, mailed June 15, 2005, in connection with the above-identified application. The Issue Fee is due on or before September 15, 2005. Pursuant to 37 C.F.R. § 1.312, the Examiner is respectfully requested to favorably consider and enter the following amendments to the present application.

Amendments to the Claims are reflected in the listing of claims which begin on page 2 of this paper.

Remarks begin on page 9.

08/08/2005 JADD01 00000131 501710 09586981

01 FC:2202 200.00 DA



FEE TRANSMITTAL for FY 2005

Effective 10/01/2005. Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27TOTAL AMOUNT OF PAYMENT (\$)**200.00**

Complete if Known

| | |
|----------------------|-----------------------------|
| Application Number | 09/586,981 |
| Filing Date | June 5, 2000 |
| First Named Inventor | Jeffrey M. MacDonald et al. |
| Examiner Name | Leslie R. DEAK |
| Art Unit | 3762 |
| Attorney Docket No. | 320727.50201 |

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:

Deposit Account

50-1710

Account Name

KATTEN MUCHIN ZAVIS ROSENMAN

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments☒ Charge above Deposit Account with any additional fees necessary UNDER 37 CFR 1.16 AND/OR 1.17 to maintain pendency of this application.

FEE CALCULATION

1. BASIC FILING FEE

| Large Entity | | Small Entity | | Description | Fee Paid |
|--------------|----------|--------------|----------|------------------------|----------|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | | |
| 1001 | 300 | 2001 | 150 | Utility Filing Fee | |
| 1111 | 500 | 2111 | 250 | Utility Search Fee | |
| 1311 | 200 | 2311 | 100 | Patent Examination Fee | |
| SUBTOTAL (1) | | | | | (\$) |

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

| Total Claims | | Extra claims | | Fee | | Fee Paid | |
|--------------------|----|--------------|---|-----|--------|----------|--------|
| | | | | | | | |
| | 56 | -48** = | 8 | x | 25.00 | = | 200.00 |
| Independent | 9 | - 9** = | 0 | x | 200.00 | = | 0 |
| Multiple Dependent | | | | | 360.00 | = | 0 |

| Large Entity | | Small Entity | | Description | Fee Paid |
|--------------|----------|--------------|----------|--|--------------------|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | | |
| 1202 | 50 | 2202 | 25 | Claims in excess of 20 | |
| 1201 | 200 | 2201 | 100 | Independent claims in excess of 3 | |
| 1203 | 360 | 2203 | 180 | Multiple dependent claim, if not paid | |
| 1204 | 200 | 2204 | 100 | ** Reissue independent claims over original patent | |
| 1205 | 50 | 2205 | 25 | ** Reissue claims in excess of 20 and over original patent | |
| SUBTOTAL (2) | | | | | (\$) 200.00 |

** or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

| Large Entity | | Small Entity | | Description | Fee Paid |
|---------------------|--------|--------------|--------|--|----------|
| Fee Code | Fee \$ | Fee Code | Fee \$ | | |
| 1051 | 130 | 2051 | 65 | Surcharge - late filing fee or oath | |
| 1052 | 50 | 2052 | 25 | Surcharge - late provisional filing fee or cover sheet | |
| 1053 | 130 | 1053 | 130 | Non-English specification | |
| 1812 | 2,520 | 1812 | 2,520 | For filing a request for <i>ex parte</i> reexamination | |
| 1804 | 920* | 1804 | 920* | Requesting publication of SIR prior to Examiner action | |
| 1805 | 1,840* | 1805 | 1,840* | Requesting publication of SIR after Examiner action | |
| 1251 | 120 | 2251 | 60 | Extension for reply within first month | |
| 1252 | 450 | 2252 | 225 | Extension for reply within second month | |
| 1253 | 1,020 | 2253 | 510 | Extension for reply within third month | |
| 1254 | 1,590 | 2254 | 795 | Extension for reply within fourth month | |
| 1255 | 2,160 | 2255 | 1,080 | Extension for reply within fifth month | |
| 1401 | 500 | 2401 | 250 | Notice of Appeal | |
| 1402 | 500 | 2402 | 250 | Filing a brief in support of an appeal | |
| 1403 | 1,000 | 2403 | 500 | Request for oral hearing | |
| 1451 | 1,510 | 1451 | 1,510 | Petition to institute a public use proceeding | |
| 1452 | 500 | 2452 | 250 | Petition to revive - unavoidable (1.17(l)) | |
| 1453 | 1,500 | 2453 | 750 | Petition to revive - unintentional (1.17(m)) | |
| 1501 | 1,400 | 2501 | 700 | Utility issue fee (or reissue) | |
| 1502 | 800 | 2502 | 400 | Design issue fee | |
| 1503 | 1,100 | 2503 | 550 | Plant issue fee | |
| 1460 | 130 | 1460 | 130 | Petitions to the Director | |
| 1807 | 50 | 1807 | 50 | Processing fee - provisional app (1.17(q)) | |
| 1806 | 180 | 1806 | 180 | Submission of Information Disclosure Stmt | |
| 8021 | 40 | 8021 | 40 | Recording each patent assignment per property (times number of properties) | |
| 1809 | 790 | 2809 | 395 | Filing a submission after final rejection (1.129(a)) | |
| 1814 | 130 | 2814 | 65 | Statutory Disclaimer | |
| 1801 | 790 | 2801 | 395 | Request for Continued Examination (RCE) | |
| 1802 | 900 | 1802 | 900 | Req for expedited examination - Design App | |
| Other fee (specify) | | | | | |
| SUBTOTAL (3) | | | | | (\$) |

*Reduced by Basic Filing Fee Paid

SUBMITTED BY

Name: Gilberto M. Villacorta, Ph.D.

Registration No.: 34,038

Telephone: (202) 625-3838

Sunit Talapatra, Ph.D.

54,482

(202) 625-3585

Signature: S. Talapatra

Date: August 5, 2005